

Abstract

The high-pressure pump for a fuel injection system of an internal combustion engine, having a housing (10), located in which is at least one pump element (32) that has a pump piston (34), driven in a reciprocating motion via a transmission element (28) by a drive shaft (12) supported rotatably in the housing (10) via at least one bearing point (14, 16), the drive shaft (12) having an eccentric portion (26) on which the transmission element (28) is rotatably supported via a bearing point (30). Fuel for lubrication is delivered to the bearing point (30) of the transmission element (28) in the eccentric portion (26) of the drive shaft (12) via a conduit system (54, 55, 57) extending through the drive shaft (12).